SBR/DSD/22/2017-18
Dt: 10/01/2018

Original/Duplicate/Triplicate

No. 1ST & FINAL BILL

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

...n DD

Bill Received No. 76 Dated 10/01/18 Sub-Division

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **IMPROVEMENTS TO ROADS AND DRAIN AT 18TH A CROSS BAGALAGUNTE IN BAGALAGUNTE IN WARD NO. 14**

Name of Contractor and Full Address **SRI. L.RAGHUNANDAN**

Reference to Agreement No. **EE/DD/WO/ 130 / 17-18** Date: 18-12-2017

Certified that the measurements were taken by me on 5.1.2018 and recorded in pages 6.2211 to 62219. of measurements Book No. 623/17-18 and that the work is satisfactorily executed.

L. Raghunandan
Contractor

Officer- in - charge of work

Certified that the measurements were checked by me on 08/01/2018 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **JOB NO : 014-18-000033**

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account. 1st and finall Bill →	4915100=00
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
3.	- do - Balance	
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No. ..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
	Total amount adjusted --	

IT → 491514=00
LWC → 491514=00 (-)
LR → 5E914=00 } 162135=00
CBF → 491520
Total --

4752965=00

L. Raghunandan
Contractor Signature

Received Rs. ..... (in words)
.....
..... by cash and by adjustment of
Payment as per memorandum.
(In final settlement of all demand)

Witness :

1.

2.

Date

Stamp

Signature of Contractor

(For use in the Office)

Audited and admitted for Rs. 4915100=00
4752965=00
Passed by Che...
162135=00

Executive Engineer
Exe. Engineer
...P. Dasarahalli Division

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Scanned by CamScanner

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum			456.00	212.25	96786.00	456.00	96786.00	
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery	Cum			68.40	5380.25	368009.10	68.40	368009.10	
3	Design mix M 20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008 i) upto 5m height	Cum			153.90	7263.23	1117811.09	153.90	1117811.09	
4	Supplying, fitting and placing TMT bar reinforcement in sub-structure as per drawing and Technical Specifications complete as per specifications. MORTH Specification No.1600 & 2200 TMT Bars FE 500	Tonne			12.13	69390.25	841697.23	12.13	841697.23	
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as	Sqm			1368.00	324.51	443929.68	1368.00	443929.68	
6	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials, labour, curing, transporation, loading, unloading etc., as per doirections of the Eninner-in-charge.(Data Rate sheet enclosed)	Sqm			342.00	2041.25	698107.50	342.00	698107.50	
7	: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum			470.25	178.90	84127.72	470.25	84127.72	
8	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.	Sqm			1045.00	5.52	5768.40	1045.00	5768.40	
9	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications.	Cum			156.75	1584.50	248370.00	156.75	248370.37	
10	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete	Cum			240.35	1844.12	443234.24	240.35	443234.24	
11	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per	Sqm			1045.00	28.74	30033.30	1045.00	30033.30	
12	Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification.	Cum			55.10	5347.12	294626.31	55.10	294626.31	
13	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm			1045.00	12.05	12592.25	1045.00	12592.25	
14	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications.	Rmt			31.35	7355.90	230607.46	31.35	230607.46	
						Grand Total	4915100.28		4915100.28	

CERTIFICATE:

1 Work done is satisfactory
2 There are no departmental issuesmade to the contractor
3 The contractor has cleared all debrice from work spot

Scanned by CamScanner